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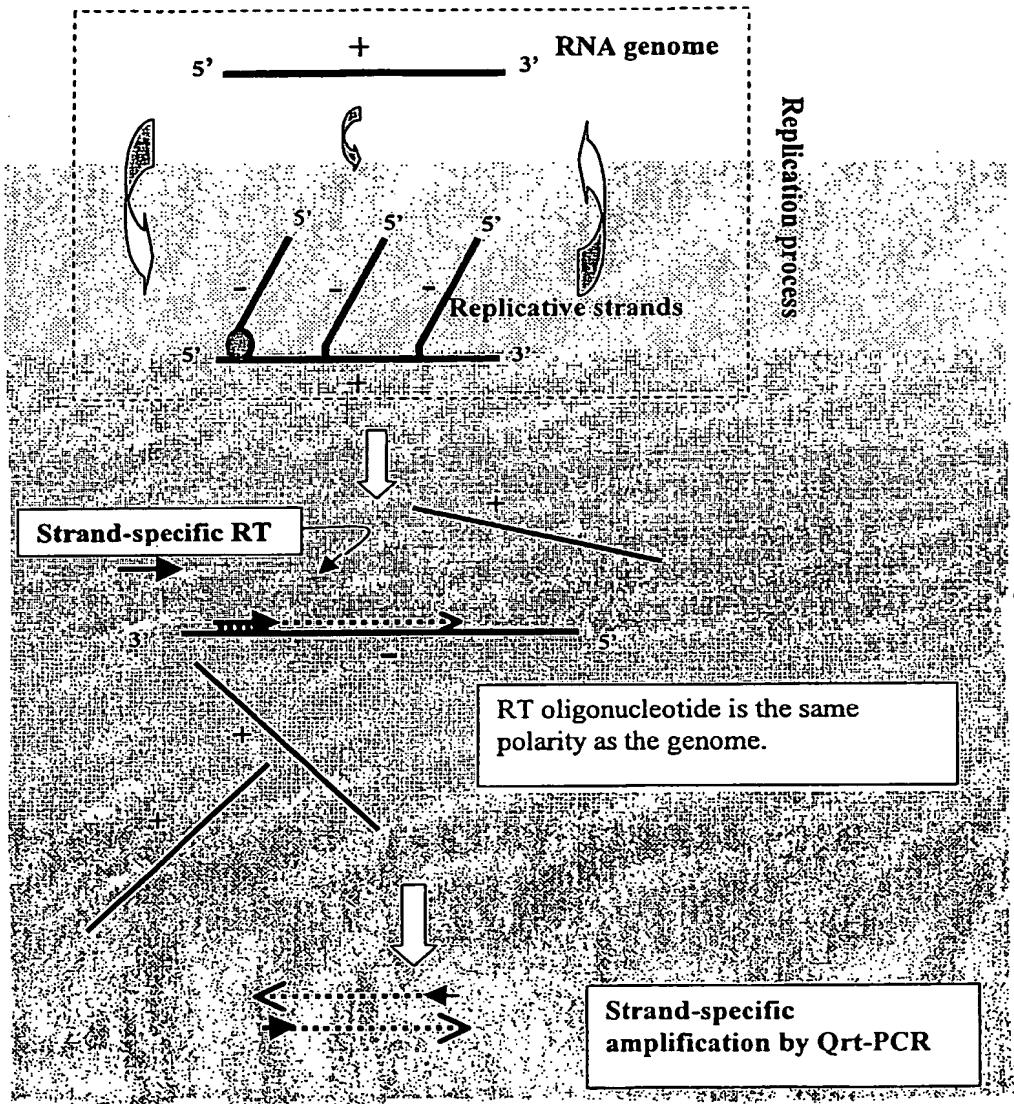


Figure 1
PRIOR ART

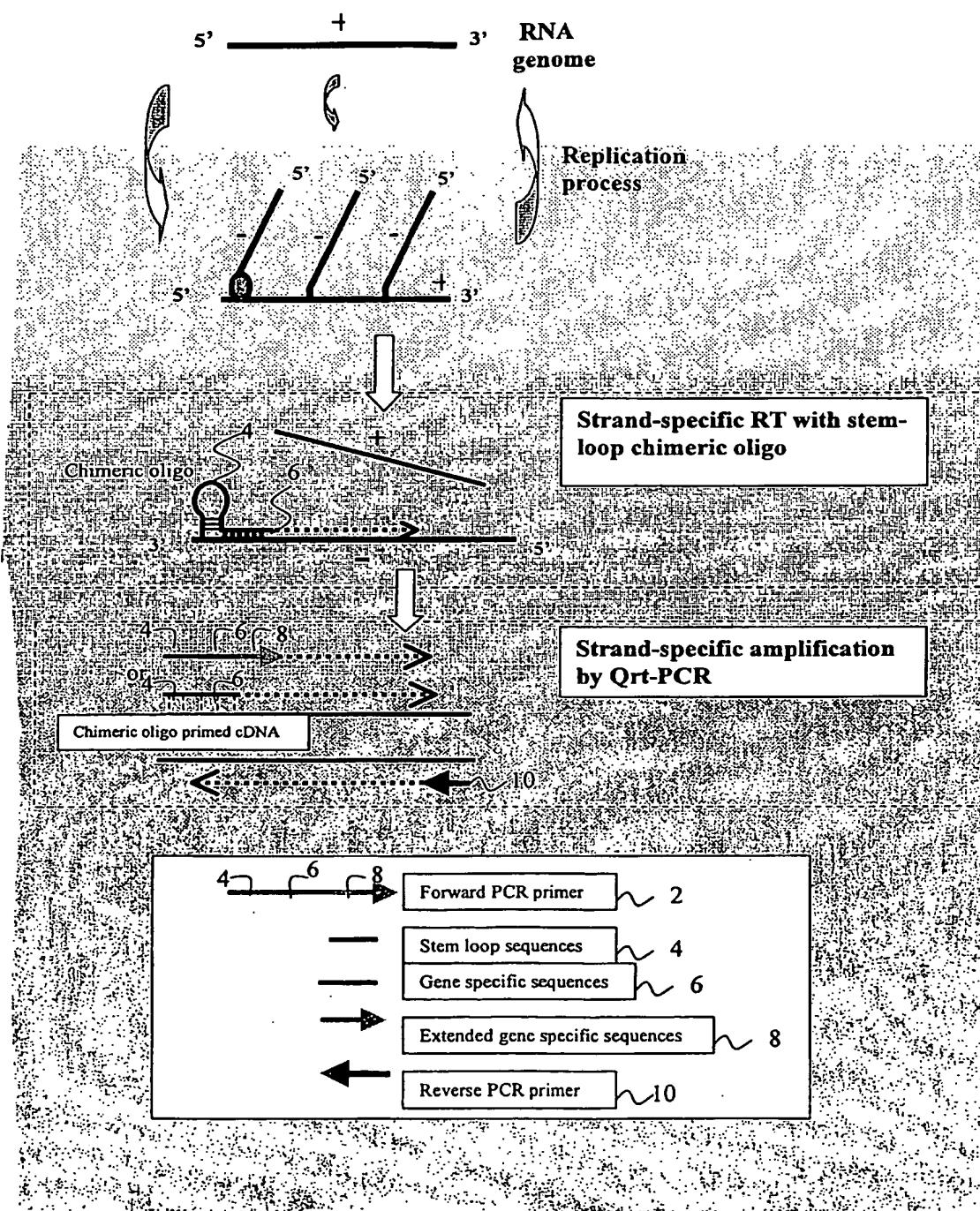
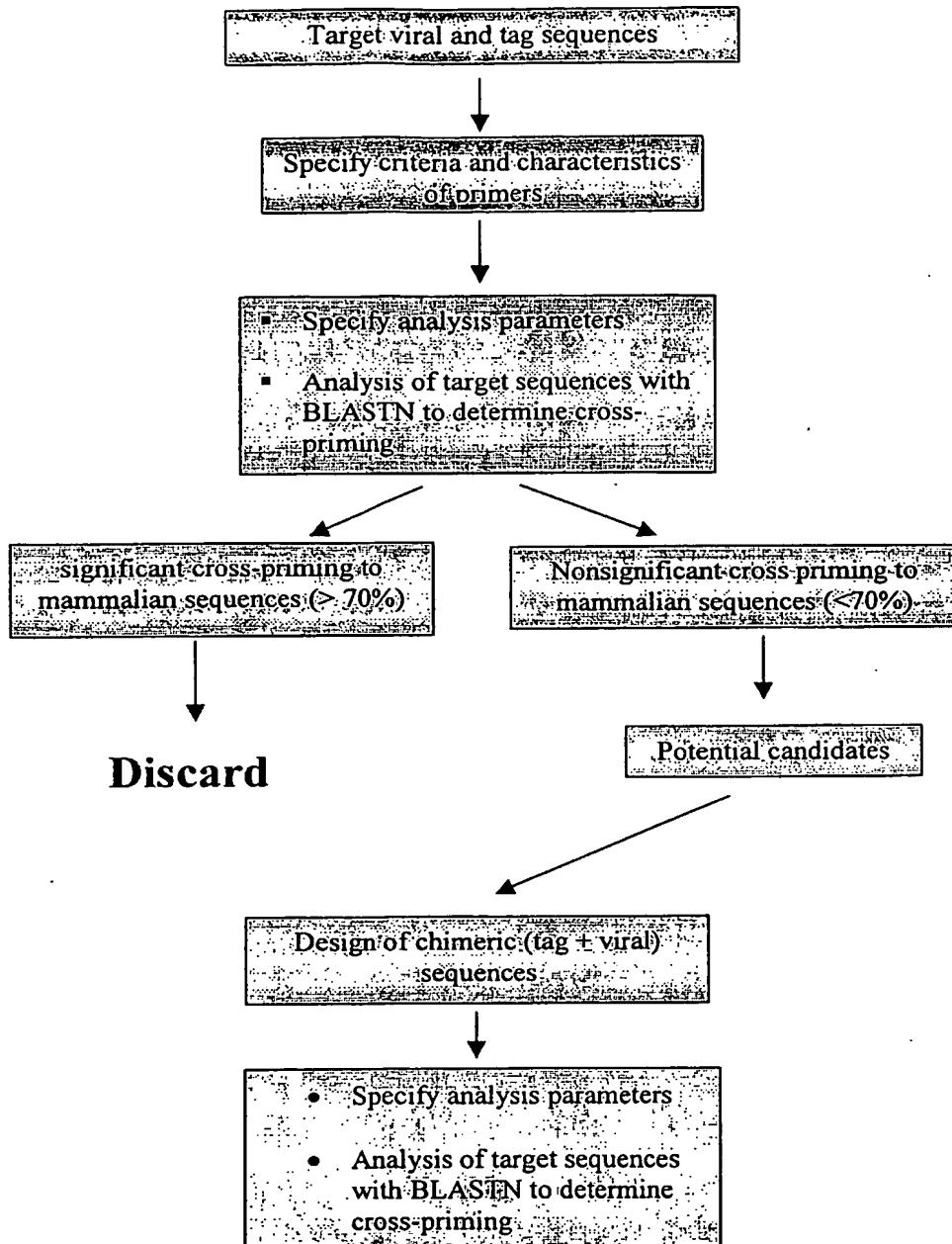
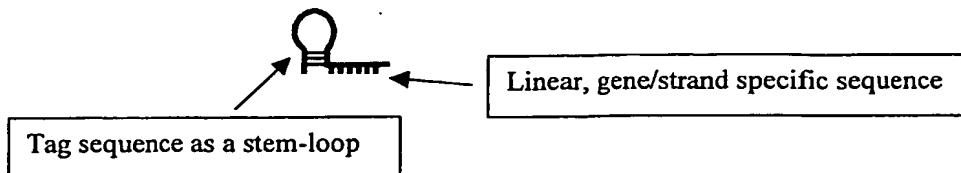
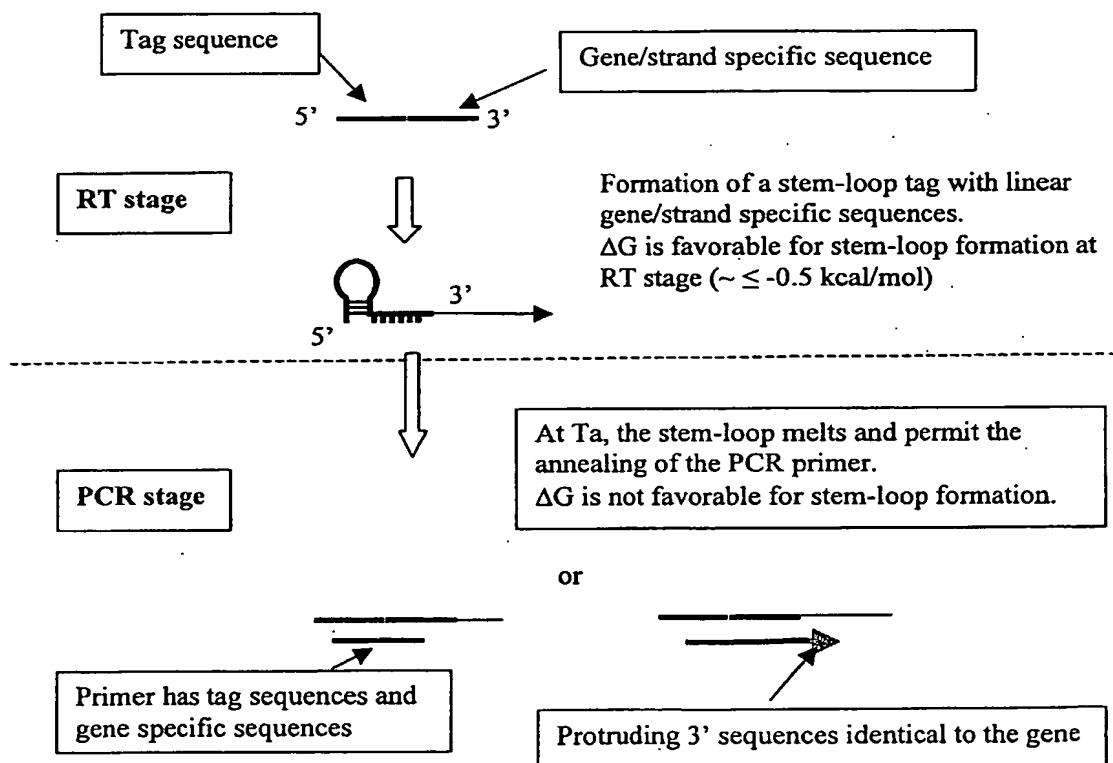


Figure 2

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**Figure 3**

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**Figure 4****Figure 5**

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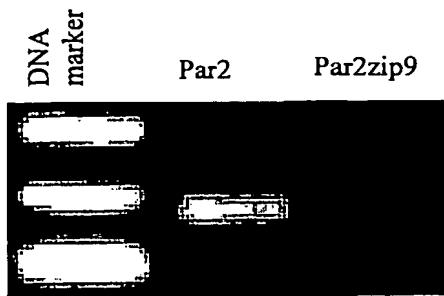


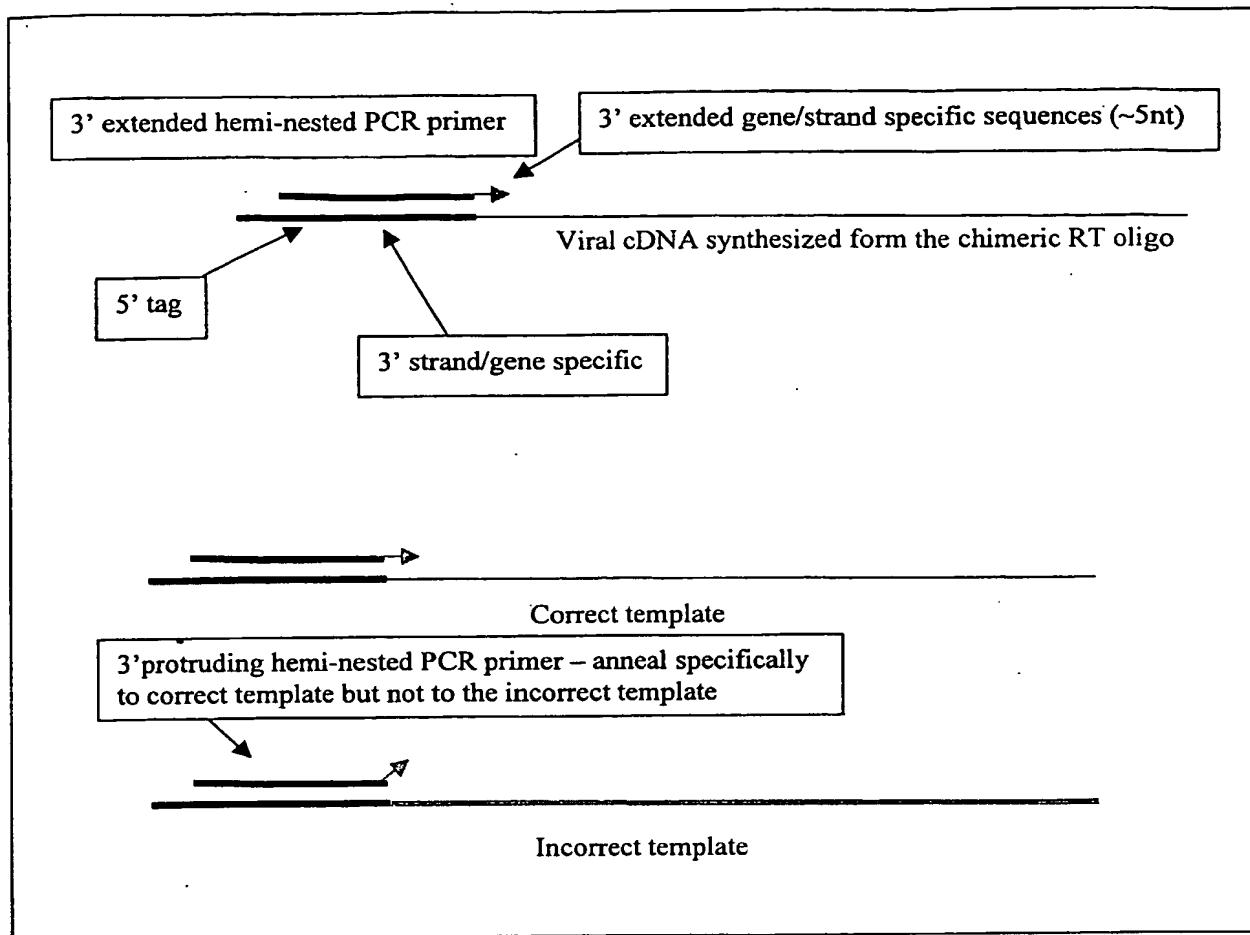
Figure 6

Max complementarity: 9 bp, $dG = -4.20$ Kcal/mol

5' - TCTACAAAGACAGCACACTTGTAGAGACCTGGG-3'

C :: : C	
A A	
G * C	Par2zip9
A * T	
A * T	
A * T	
C * G	
A * T	
T * A	
C * G	
T * A	

Figure 7

**Figure 8****BOX 1**

Primer locations on target sequence		Primer characters	
Product size (bp) from: 100 to 200		<input checked="" type="checkbox"/> Shortest (primers only)	
5' Sense primer from: 1 to 10744		Length (base): 18 to 21	
Antisense primer from: 1 to 10744		Im. C: 62 to 65	
Discard primers when:		GC (%): 40 to 60	
3' Dimers (bp) > 3		Primer (nM): 50	
3' Flap N (base) > 3		Salt (mM): 50	
3' Unique (base) < 6			

Figure 9

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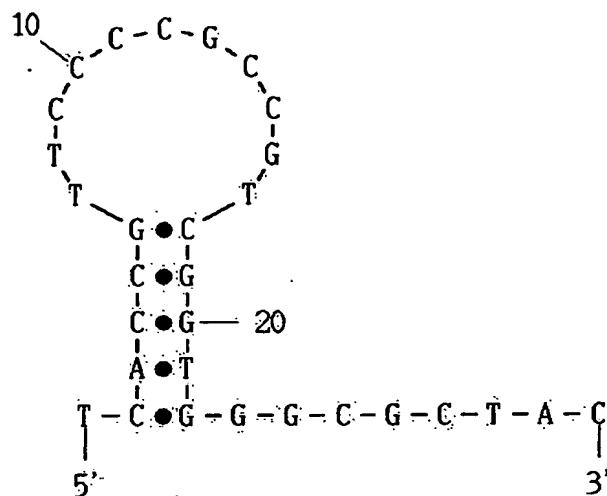


Figure 10

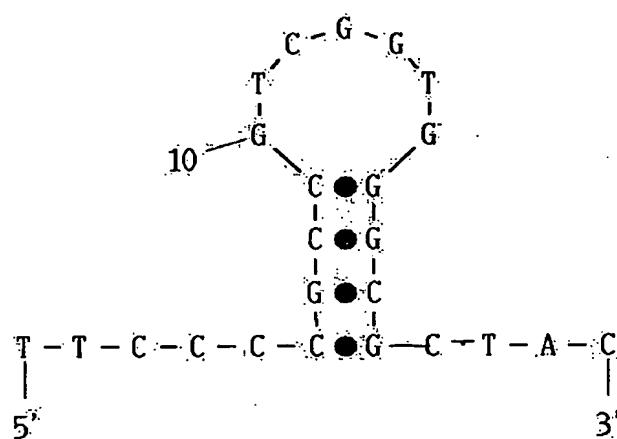


Figure 11

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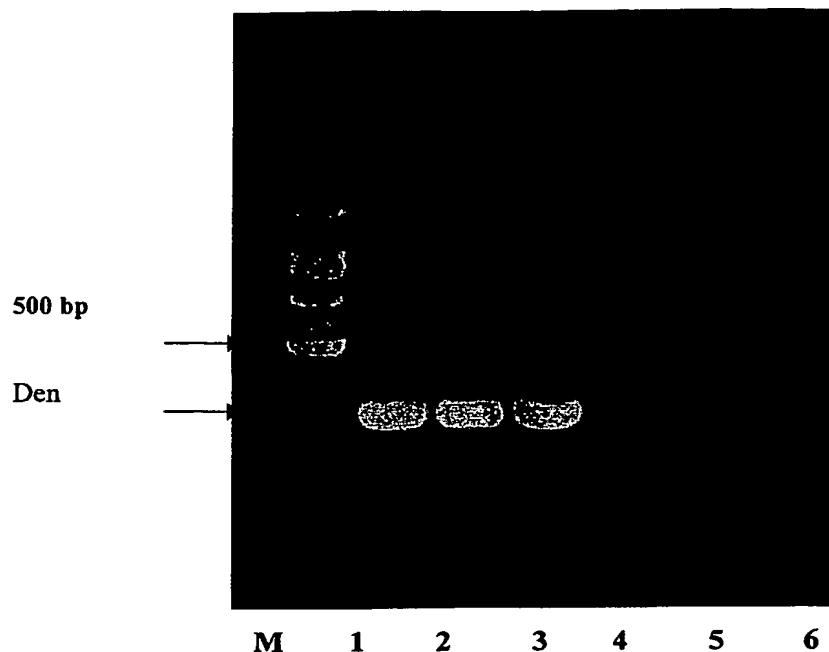


Figure 12

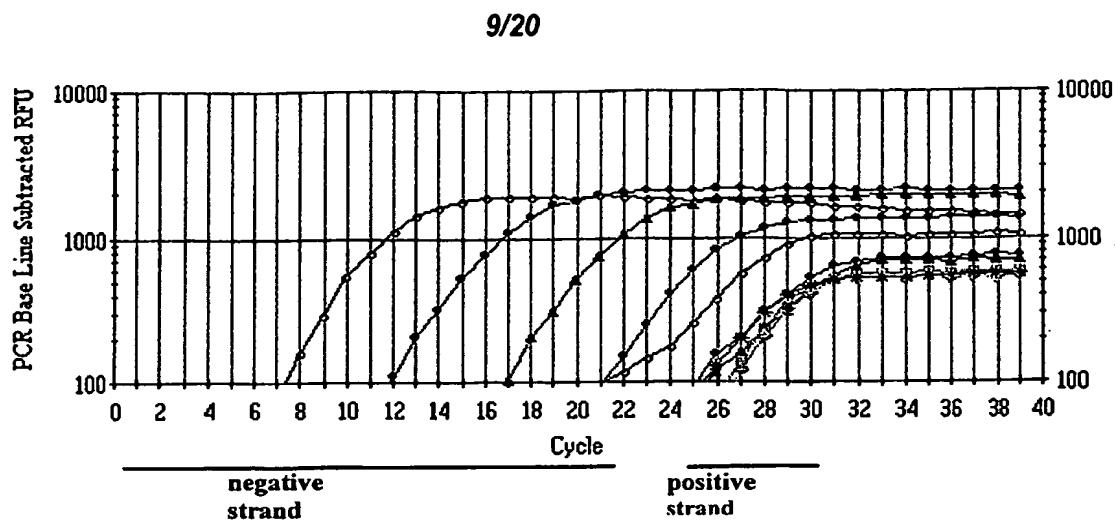


Figure 13A

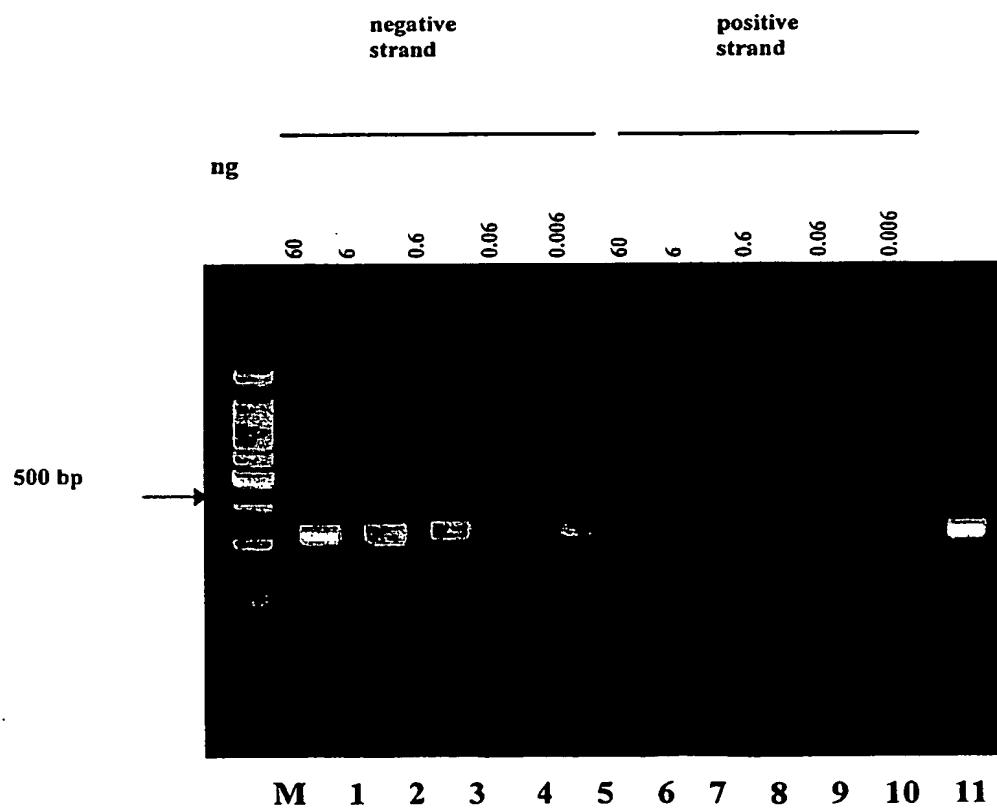
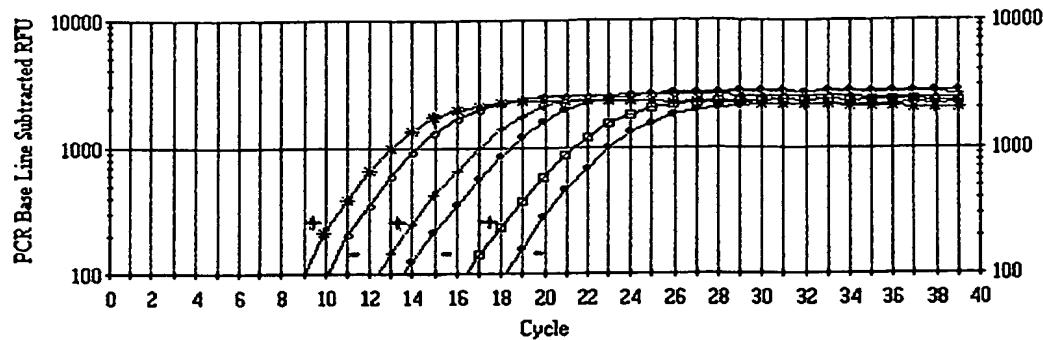
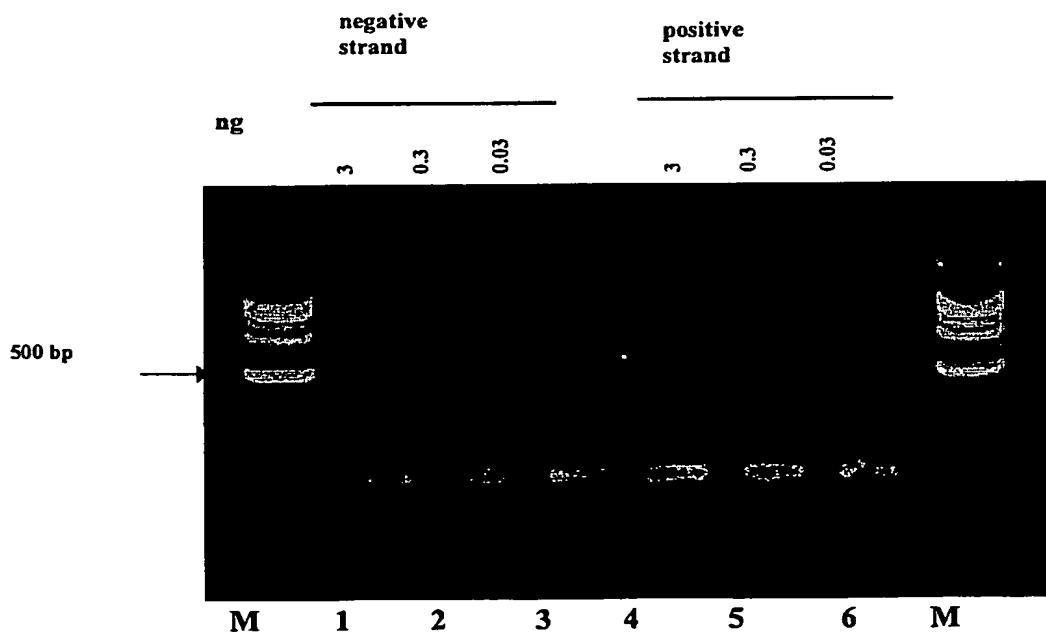


Figure 13B

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**Figure 13C****Figure 13D**

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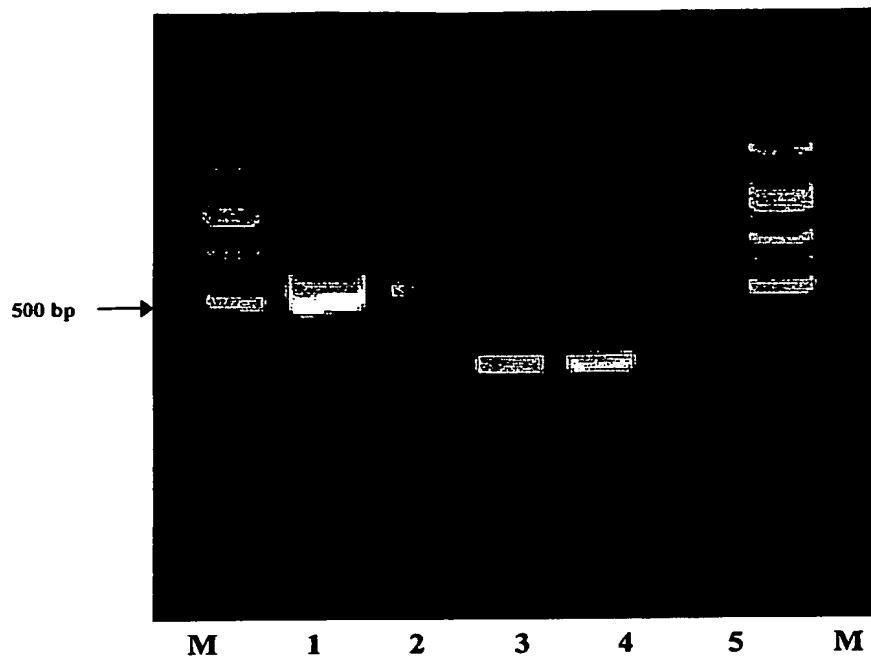
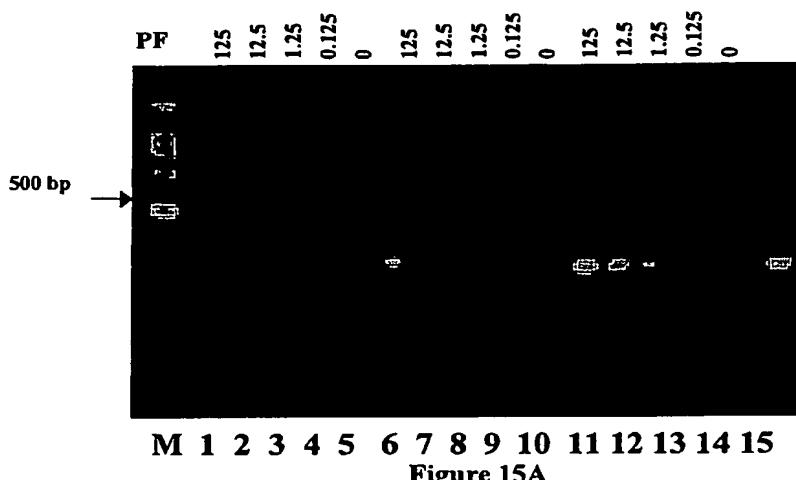
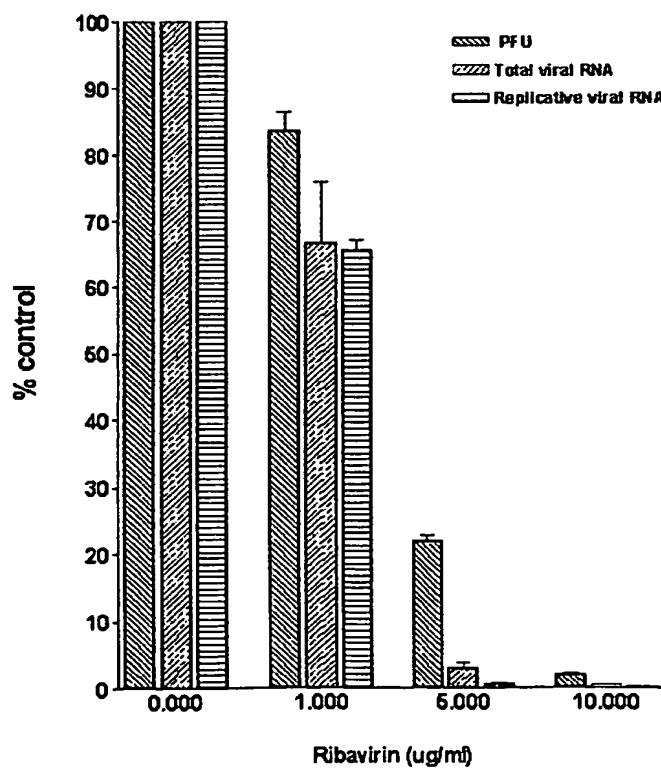


Figure 14

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Day 1 Day 2 Day 3

Figure 15AFigure 15B

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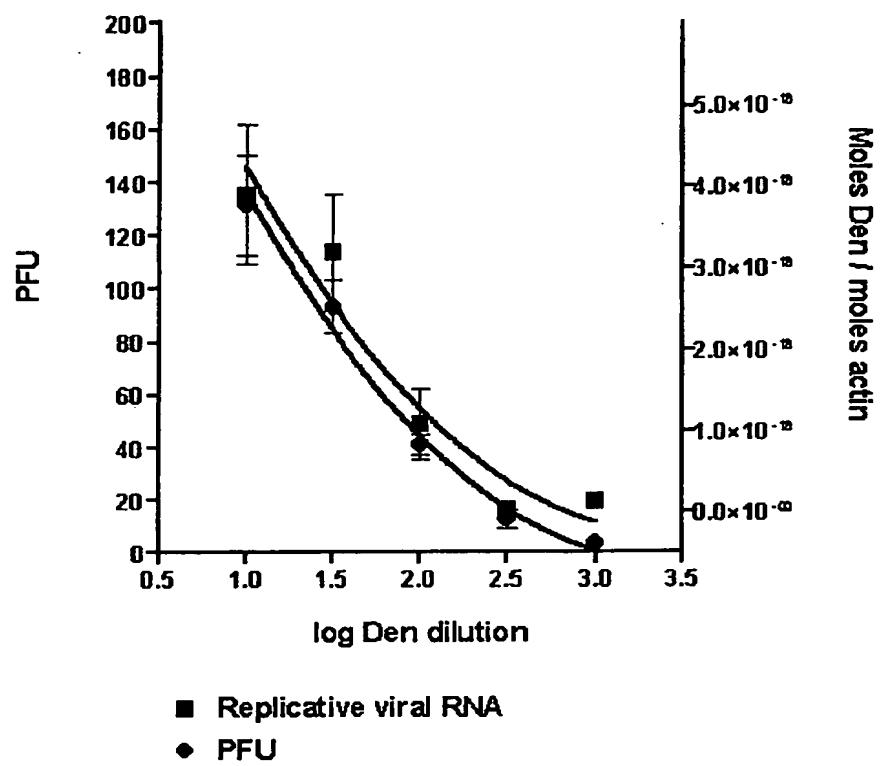


Figure 16

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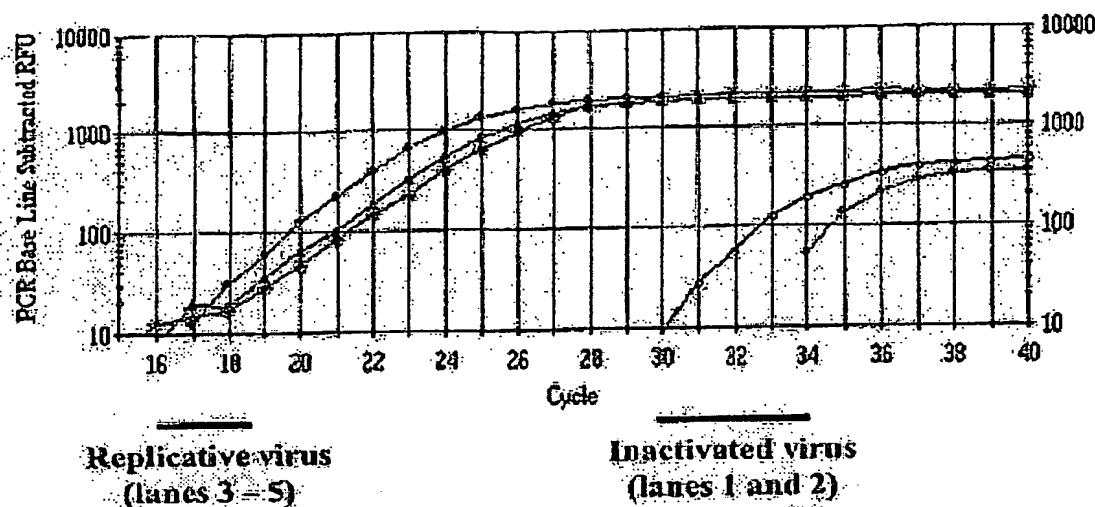


Figure 17A

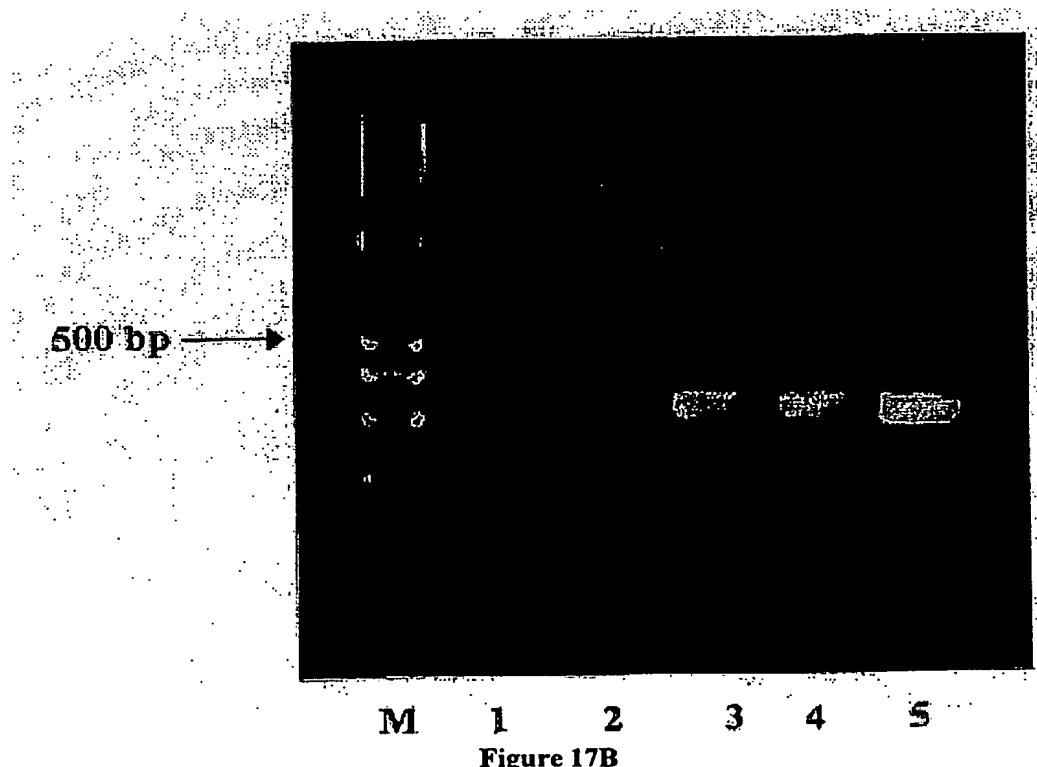
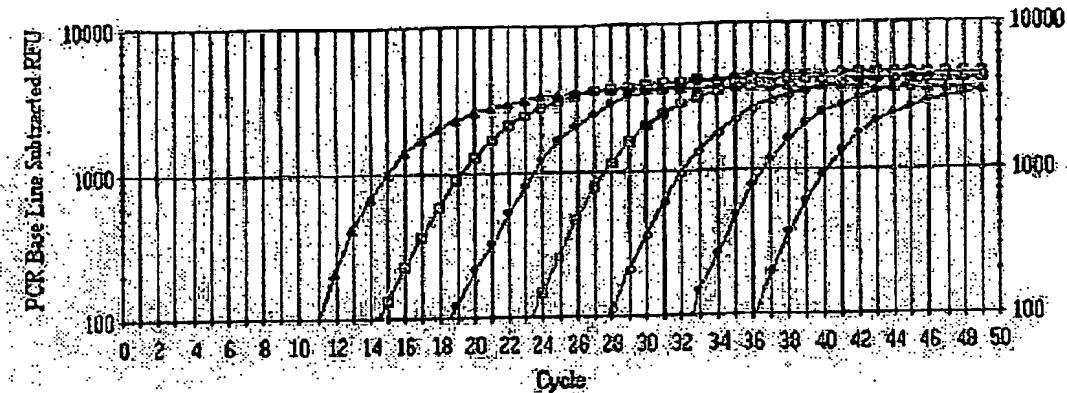
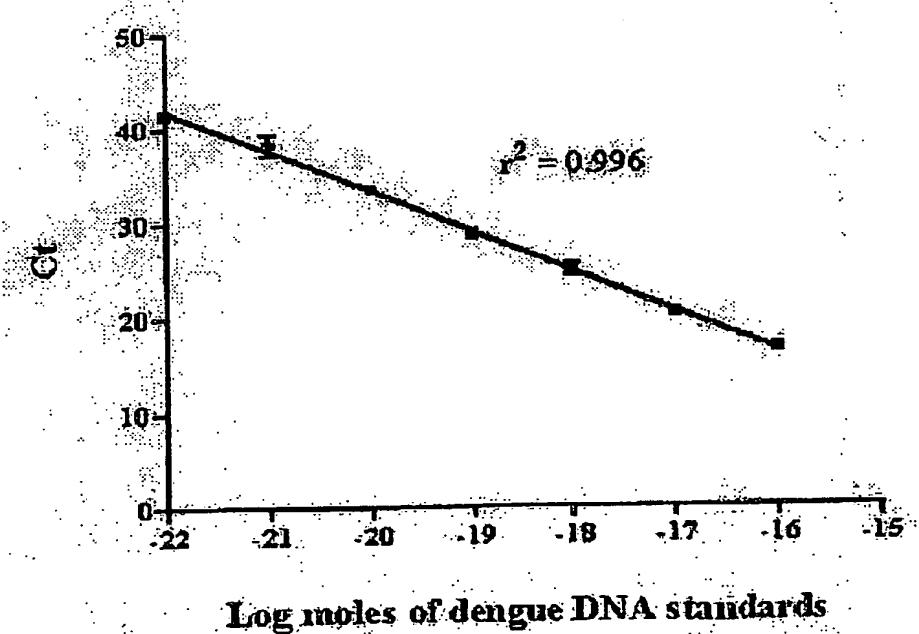


Figure 17B

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**Figure 18A****Figure 18B**

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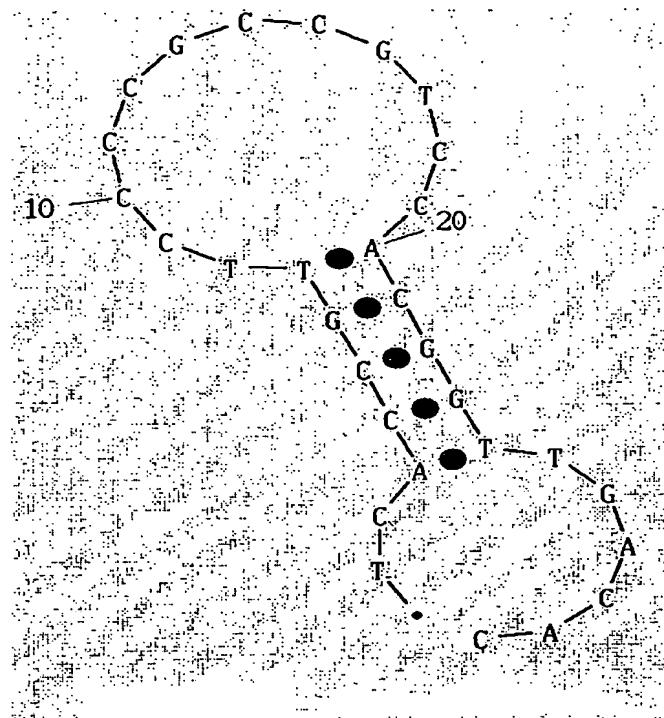


Figure 19

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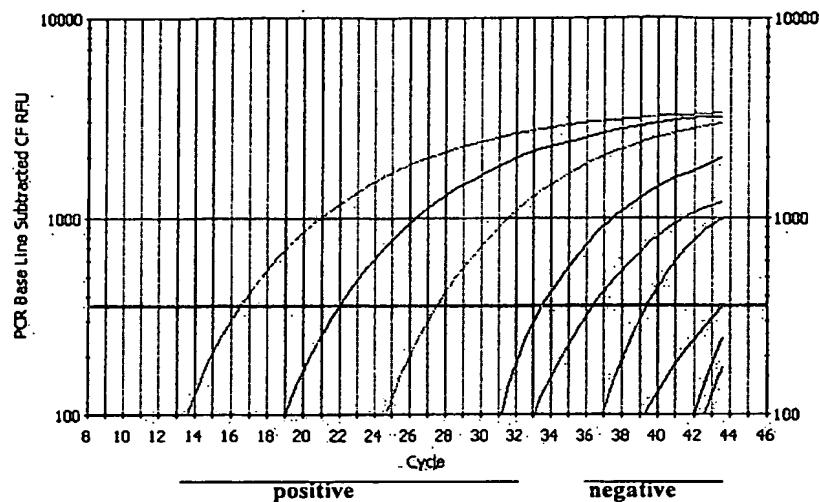


Figure 20A

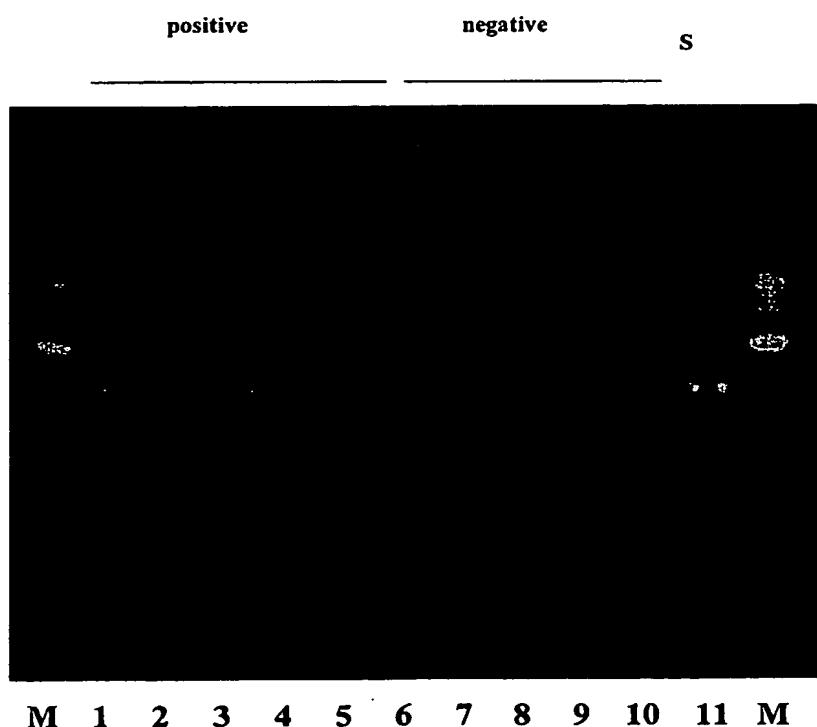


Figure 20B

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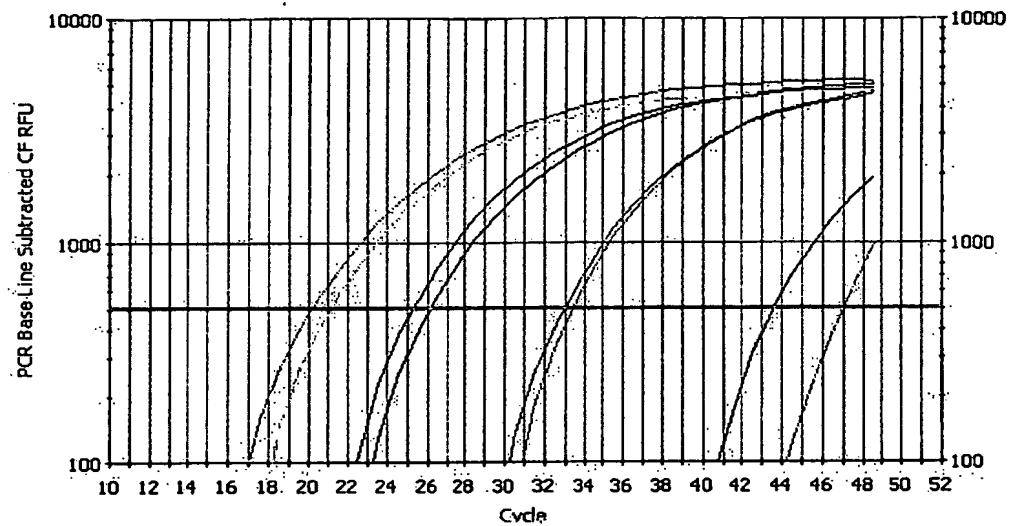


Figure 20C

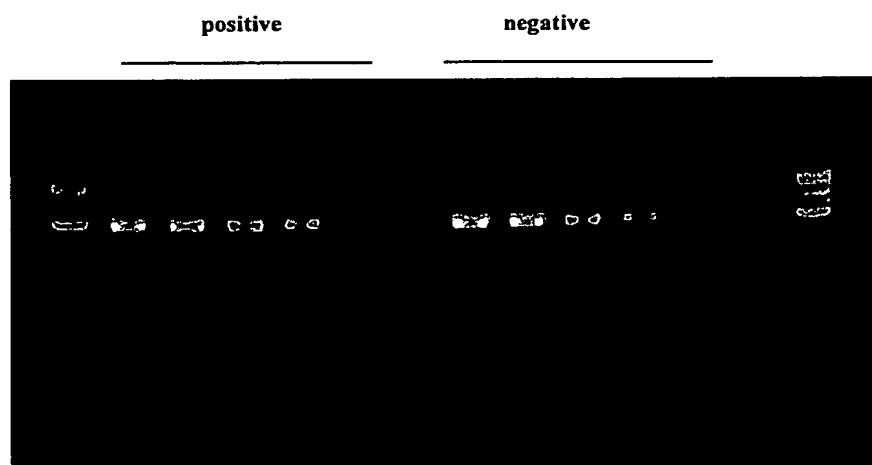


Figure 20D

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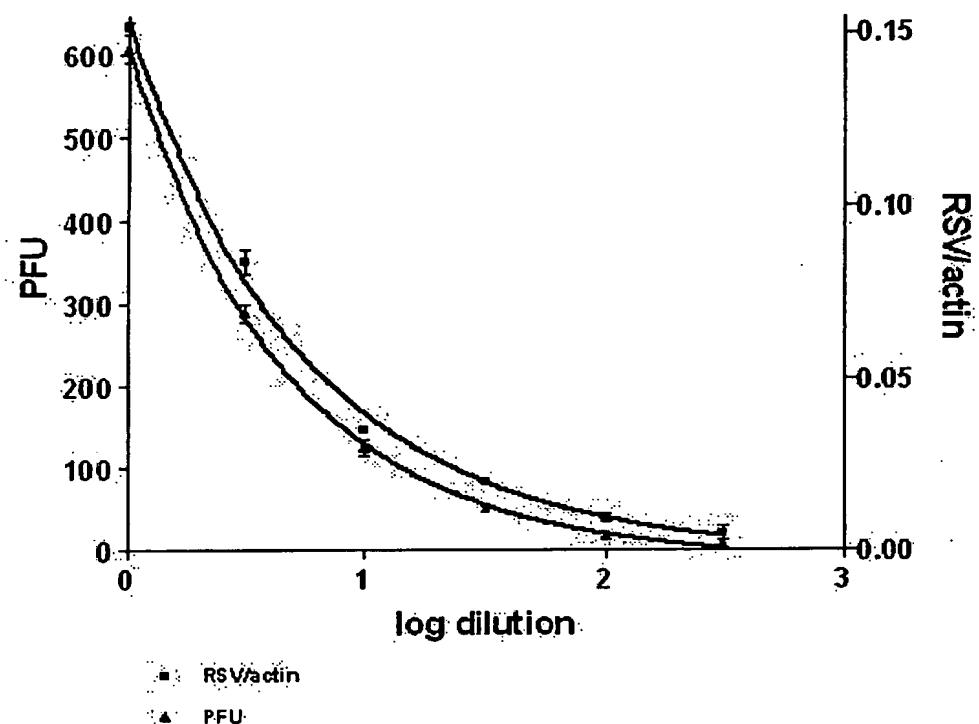


Figure 21

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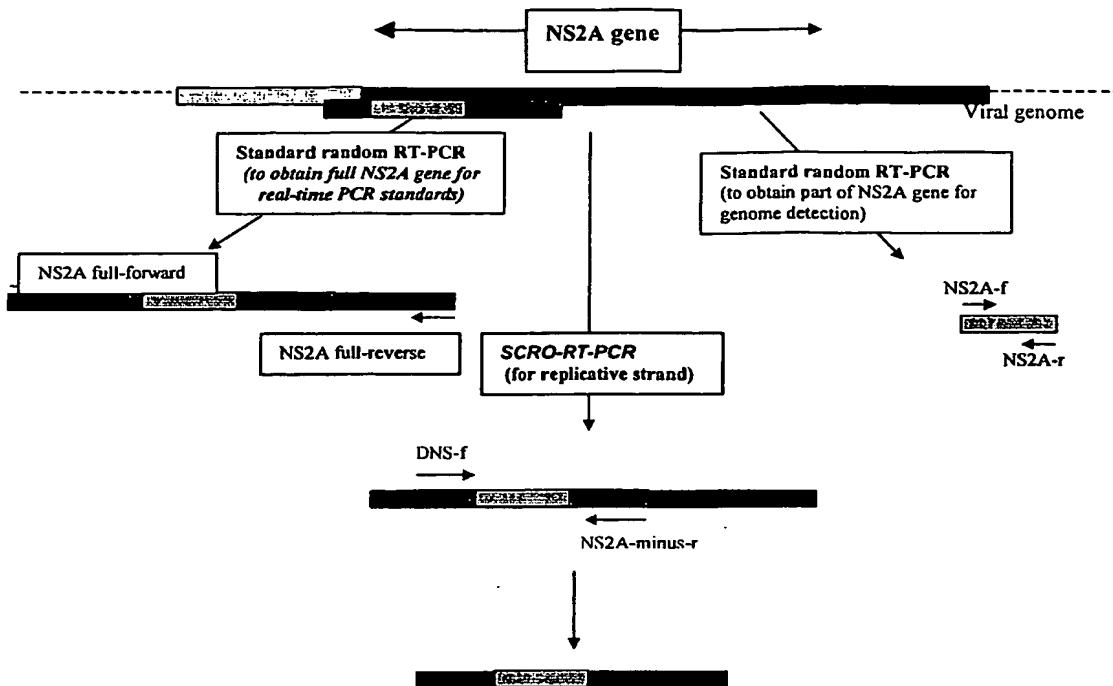


Figure 22

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